Typical Cross Section

ALL PLYWOOD IS EXTERIOR-TYPE (EXT-DFPA) ROOF AND ROOF DOOR PLYWOOD IS 1/2" THICK.
ALL OTHER PLYWOOD IS 3/4" THICK.

NOTES:

ALL FASTENERS SHOULD BE CORROSION RESISTANT OR STAINLESS STEEL.
NAILS: USE 6D NAILS 6" O.C. WHEN NAILING PLYWOOD TO SUPPORTS ON ENDS OF BINS, 6D @ 6" O.C. (BULKHEADS)
BULKHEADS ARE TIED TOGETHER WITH 1/2" RODS
THE BIN MAY BE USED ON ANY SUPPORT SYSTEM SUCH AS PIER FOOTINGS, WELL BRACED LEGS OR LOW WALLS WITH FOOTINGS.
EACH OF THE COMPARTMENTS HOLDS 5 TONS OF 60% P.C.F. FERTILIZER
THIS SHEET SHOWS A THREE COMPARTMENT BIN. FOR BINS WITH MORE OR LESS, THE LENGTHS OF SKIDS AND SIDE MEMBERS SHOULD BE ADJUSTED.

Department of Agricultural Engineering
Agricultural Extension Service
University of Tennessee
Knoxville, Tennessee

Design: American Plywood Association
Tacoma, Washington
TYPICAL BULKHEAD

NOTES: USE 16 PENNY NAILS, 6" O.C. IN 2 ROWS, STAGGERED
FOR BULKHEAD CONSTRUCTION,
STAGGER THREADED RODS IN ADJACENT BINS

Department of Agricultural Engineering
Agricultural Extension Service
University of Tennessee
Knoxville, Tennessee

COOPERATIVE EXTENSION WORK IN
AGRICULTURE AND HOME ECONOMICS
STATE OF TENNESSEE
UNIVERSITY OF TENNESSEE
AND
UNITED STATES DEPARTMENT OF AGRICULTURE COOPERATING
TRANSPORTABLE STORAGE BIN
FOR FERTILIZER IN BULK
APA '69 6072 SHEET 2 OF